(21)

# BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work

## Providing chambers to existing borewell and consealing to road surface area in ward no 12 shettihalli sub - division

**Estimated Cost**

**Rs :- 13.34 Lakh**

**JOB Code:- 012-20-000036**

Office of the
Executive Engineer
Dasarahalli Division
BRUHAT BANGALORE MAHANAGARA PALIKE
Bangalore

# BRUHAT BANGALORE MAHANAGARA PALIKE

## Providing chambers to existing borewell and consealing to road surface area in ward no 12 shettihalli sub - division

JOB Code:- 012-20-000036

Est Cost 13.34 Lakhs

| Sl No | Description | Unit | No | Length | Width | Depth | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | **R.C.C Chambers** | | | | | | | | |
| 1 | KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. (PWD SR 2018-19 P.No: 6, I.No.: 2.4) | | | | | | | | |
| | For Chambers | **Cum** | 24 | 1.50 | 1.50 | 1.10 | 59.40 | | |
| | For pipe line | | 24 | 15.90 | 0.35 | 0.35 | 46.08 | | |
| | | | | | | | **105.48** | **475.94** | **50201.00** |
| | Basic Rate | 449.00 | | | | | | | |
| | Add 6% Area weightage | 26.94 | | | | | | | |
| | **Total** | **475.94** | | | | | | | |
| 2 | KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (PWD,SZB,SR,2018-19. Pg No -13, I. No-4.3) | | | | | | | | |
| | Drain | **Cum** | 24 | 1.50 | 1.50 | 0.15 | 8.10 | | |
| | | | | | | | **8.10** | **5408.12** | **43806.00** |
| | Basic Rate | 5102.00 | | 17 4 | 5442 | | | | |
| | Add 6% Area weightage | 306.12 | | 20.28 | 644.2 | | | | |
| | **Total** | **5408.12** | | | 7,086.2 | | | | |
| 3 | KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (PW,P& IWTD SR 2018-19, Pg No 14, Item No. 4.10) | | | | | | | | |
| | Drain Btm | **Cum** | 24 | 1.50 | 1.50 | 0.15 | 8.10 | | |
| | Walls | 24 | 4 | 1.35 | 0.30 | 0.90 | 34.99 | | |
| | | | | | | | **43.09** | **6160.72** | **265478.00** |
| | Basic Rate | 5812.00 | | | | | | | |

| Sl No | Description | Unit | No | Length | Width | Depth | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | Add 6% Area weightage | 348.72 | | | | | | | |
| | **Total** | **6160.72** | | | | | | | |
| 4 | KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 550 (PWD,SZB,SR,2018-19. P-18, I-4.46.3) | | | | | | | | |
| | T.M.T steel for reinforcement (70Kg/Cum) | | 1 | 43.09 | 70.00 | | 3016.44 | | |
| | | **MT** | | tonne | 3016.44 | /1000= | 3.02 | | |
| | | | | | | | **3.02** | **93247.14** | **281274.00** |
| | Basic Rate | 87969.00 | | 136 | 83,780 | | | | |
| | Add 6% Area weightage | 5278.14 | | 13.1 | 8378 | | | | |
| | **Total** | **93247.14** | | | 92158 | | | | |
| 5 | KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (PWD,SZB,SR,2018-19. P-16, I-4.31) | | | | | | | | |
| | Walls | 2X4 | 24 | 1.35 | | 0.90 | 233.28 | | |
| | | **Sqm** | | | | | **233.28** | **379.48** | **88525.00** |
| | Basic Rate | 358.00 | | | | | | | |
| | Add 6% Area weightage | 21.48 | | | | | | | |
| | **Total** | **379.48** | | | | | | | |
| 6 | Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) - 50mm nominal OD pipes (PWD,SZB,SR,2018-19. P-98, I-13.85.6) | | | | | | | | |
| | Pipe Line for Borewell | | 24 | 10.00 | | | 240.00 | | |
| | | **Rmt** | | | | | **240.00** | **492.90** | **118296.00** |
| | Basic Rate | 465.00 | | | | | | | |
| | Add 6% Area weightage | 27.90 | | | | | | | |
| | **Total** | **492.90** | | | | | | | |
| 7 | Providing and laying 25cm thick Pre Cast Cover slabs including cost of all materials, labours, curing, transportation, loding unloding etc.., complete as per the direction of Engineer in charge. | | | | | | | | |

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| Sl No | Description | Unit | No | Length | Width | Depth | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | | Sqm | 24 | 1.50 | 1.50 | | 54.00 | | |
| | | | | | | | 54.00 | 5418.00 | 292572.00 |
| | Data Rate | 5418.00 | | | | | | | |
| | | | | | | | | SUB TOTAL | 1140152.00 |
| | | | | | | | | GST 12% | 136818.24 |
| | | | | | | | | Add Tender Primium charges @ 5% | 57007.60 |
| | | | | | | | | Micelleneous and rounding off | 22.16 |
| | | | | | | | | TOTAL | 1334000.00 |

## ದೃಢೀಕರಣ

1. ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಯಲ್ಲಿ ಪ್ರಸ್ತಾಪಿಸಿರುವ ರಸ್ತೆಗಳ ಅಭಿವೃದ್ಧಿ ಈ ಹಿಂದೆ ಯಾವುದೇ
2. ಸದರಿ ಪ್ರಸ್ತಾಪಿಸಿರುವ ರಸ್ತೆಗಳು DLP ಅವಧಿಯಲ್ಲಿರುವ ರಸ್ತೆಗಳಲ್ಲಿ ಸೇರಿರುವುದಿಲ್ಲ.
3. ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ಪಿ.ಡಬ್ಲ್ಯೂ.ಡಿ ಎಸ್.ಆರ್-2018-19ನೇ ಸಾಲಿನ ದರಗಳನ್ವಯ
4. ಸದರಿ ಕಾಮಗಾರಿಯಲ್ಲಿ ಪ್ರಸ್ತಾಪಿಸಿರುವ ರಸ್ತೆಗಳ ಅಭಿವೃದ್ಧಿಯು ತುಂಬಾ
5. ಎಲ್ಲಾ ರಸ್ತೆಗಳು ಬಿಬಿಎಂಪಿಯ ಸರಹದ್ದಿನಲ್ಲಿರುತ್ತದೆ.

Assistant Engineer
Ward No 12

Assistant Executive
Shetty Halli Sub Division

Executive Engineer
Dasarahalli Division

SANCTIONED FOR
Rs. in words Thirteen Lakh Thirty Four Thousand
Under P-3726 Zonal public works - POW
Budget Head/Account
Job Code No. 90/2022
Subject
EE/DD/AS/90/2022 13/01/22
EXE. ENGINEER (DASARAHALLI DIVISION)

Technically Sanctioned for Rs. 13.34 Lakh
Rs. in words Thirteen Lakh Thirty Four Thousand
Under P-3726 POW - Zonal Public works
Budget Head/Account
Job Code No. 012-20-000036
Registered at E No. 48/2021-22
Subject
to conditions contained in Accepted Memo No EE/DD/TS/48/21-22 dt. 13.01.22
AEE/JE
Executive Engineer